

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	370	"3,229,038" "3,238,304" "3,860,951" "3,883,692" "3,911,220" "3,916,104" "3,925,615" "3,944,748" "3,989,897" "4,027,101" "4,030,342" "4,085,291" "4,087,629" "4,087,631" "4,097,689" "4,135,158" "4,149,031" "4,149,036" "4,152,542" "4,162,457" "4,185,239" "4,188,504" "4,204,092" "4,208,546" "4,209,665" "4,214,267" "4,239,939" "4,251,688"	USPAT	OR	OFF	2009/09/23 15:27
S2	354	"3,229,038" "3,238,304" "3,860,951" "3,883,692" "3,911,220" "3,916,104" "3,925,615" "3,944,748" "3,989,897" "4,027,101" "4,030,342" "4,085,291" "4,087,629" "4,087,631" "4,097,689" "4,135,158" "4,149,031" "4,149,036" "4,152,542" "4,162,457" "4,185,239" "4,188,504" "4,204,092" "4,208,546" "4,209,665" "4,214,267" "4,239,939" "4,251,688"	USPAT	OR	OFF	2009/09/23 15:27
S3	30	(("3,229,038") or ("3,238,304") or ("3,860,951") or ("3,883,692") or ("3,911,220") or ("3,916,104") or ("3,925,615") or ("3,944,748") or ("3,989,897") or ("4,027,101") or ("4,030,342") or ("4,085,291") or ("4,087,629") or ("4,087,631") or ("4,097,689") or ("4,135,158") or ("4,149,031") or ("4,149,036") or ("4,152,542") or ("4,162,457") or ("4,185,239") or ("4,188,504") or ("4,204,092") or ("4,208,546") or ("4,209,665") or ("4,214,267") or ("4,239,939") or ("4,251,688")).PN.	USPAT; USOCR	OR	OFF	2009/09/23 15:28

S4	17	((4,268,915") or ("4,308,426") or ("4,316,058") or ("4,329,544") or ("4,334,740") or ("4,352,953") or ("4,388,494") or ("4,394,537") or ("4,446,488") or ("4,546,389") or ("4,549,228") or ("4,551,770") or ("4,553,176") or ("4,562,487") or ("4,599,611") or ("4,683,496") or ("4,893,342")).PN.	USPAT; USOCR	OR	OFF	2009/09/23 15:38
S5	1	("20040170284").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 16:01
S6	5	"585479".ap.	US-PGPUB; USPAT	OR	OFF	2009/09/23 16:18
S7	1	S6 and intensified	US-PGPUB; USPAT	OR	ON	2009/09/23 16:18
S8	460	381/66,93.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/23 16:49
S9	188	S8 and ratio	US-PGPUB; USPAT	OR	ON	2009/09/23 16:50
S10	139	S9 and (concert hall auditorium stadium show)	US-PGPUB; USPAT	OR	ON	2009/09/23 16:56
S11	139	S9 and (concert hall auditorium stadium "show")	US-PGPUB; USPAT	OR	ON	2009/09/23 16:57
S12	41	S9 and (concert hall auditorium stadium )	US-PGPUB; USPAT	OR	ON	2009/09/23 16:57
S13	8	("4888808"   "5442712"   "5729614").PN. OR ("6442280").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 17:15
S14	173	381/318.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 17:21
S15	67	S14 and ratio	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 17:21
S16	67	S15 not S12	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 17:22
S17	134	S9 not (S15 S12)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/23 17:29
S18	64	381/66,93.ccls. and (loudspeaker with (direct\$4 close\$4) with microphone)	US-PGPUB; USPAT	OR	ON	2009/09/23 17:41
S19	5	381/318.ccls. and (loudspeaker with (direct\$4 close\$4) with microphone)	US-PGPUB; USPAT	OR	ON	2009/09/23 17:47
S20	278006	power with (frequency spectrum spectral)	US-PGPUB; USPAT	OR	ON	2009/09/24 10:47
S21	89	S20 and 381/66,93.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/24 10:47

S22	61	S20 and 381/66,93.ccls. and (delay\$4 lag\$4)	US-PGPUB; USPAT	OR	ON	2009/09/24 11:13
S23	8	S20 same (delay\$4 lag\$4) and 381/66,93.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/24 11:15
S24	23	(crossspectr\$8 cross with spectr \$8) and 381/66,93.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/24 11:28
S25	18	(crossspectr\$8 cross with spectr \$8) and 381/66,93.ccls. and (delay\$4 lag\$4)	US-PGPUB; USPAT	OR	ON	2009/09/24 11:30
S26	66	(clos\$4 direct\$4 ) with diaphragm and 381/96.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/24 11:55
S27	3	S26 and (howl\$4 echo reverberat \$4)	US-PGPUB; USPAT	OR	ON	2009/09/24 11:56

### **EAST Search History (Interference)**

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**9/24/2009 6:02:13 PM**